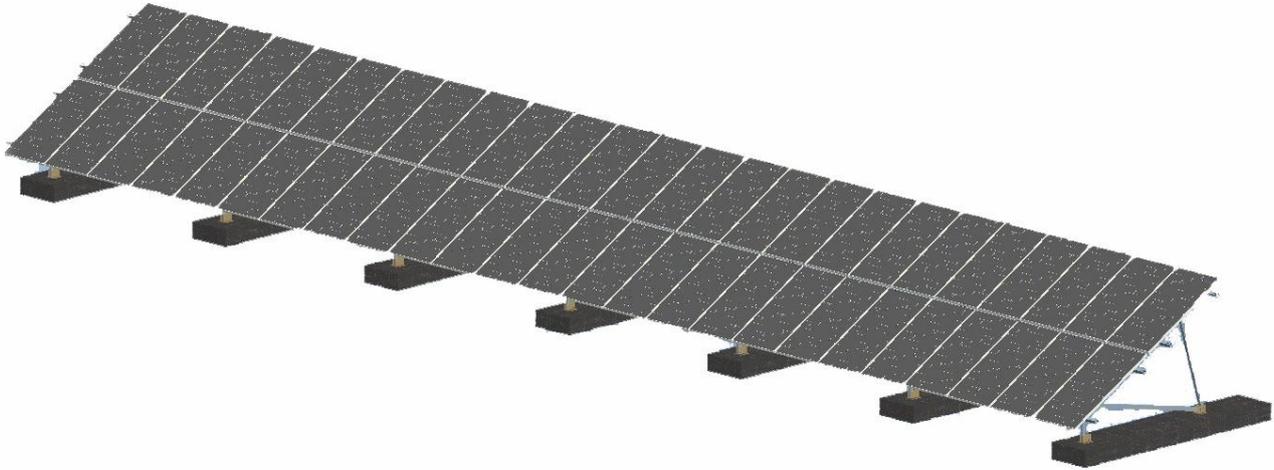


DPAS CON Mount Product Sheet



The DPAS CON Mount is an open terrain system whose design and configuration has been carefully calculated and strictly tested.

In order to maximize flexibility to meet and exceed the expectations of customers, our engineers utilize U-bolts to secure the solar modules. This improvement reduces materials and costs, as well as saving mounting time. The components are made of corrosion resistant hot-dip galvanized steel, which ensures reliability and an extended product life-cycle.

Applications

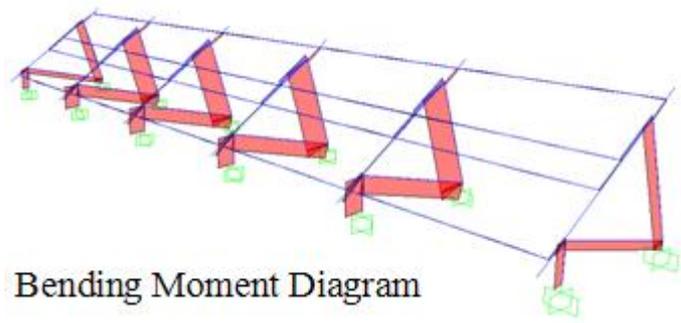
This open terrain mounting system with concrete foundations is mainly used for:

- *Small and medium scale projects
- *Areas where the soil is too soft or too rocky, and other inaccessible locations
- *Projects that require a short turnaround time required

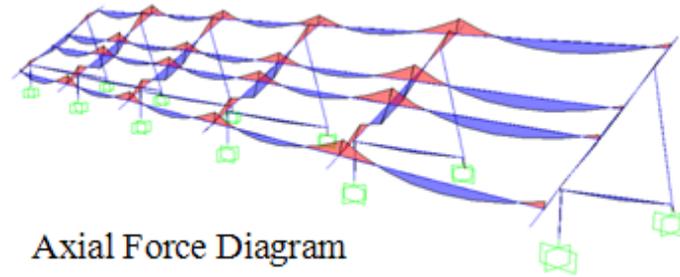


Key Features

- * Well-designed in accordance with SAP2000.
- * Cost effective and highly durable.
- * Maximizes flexibility, utilization of U-bolts eliminates the limitation of installing solar modules with rectangular rails.
- * Abrasion and corrosion resistant, made from hot-dip galvanized steel.
- * Pre-assembled support units save installation time.
- * Suitable for any type of solar module.

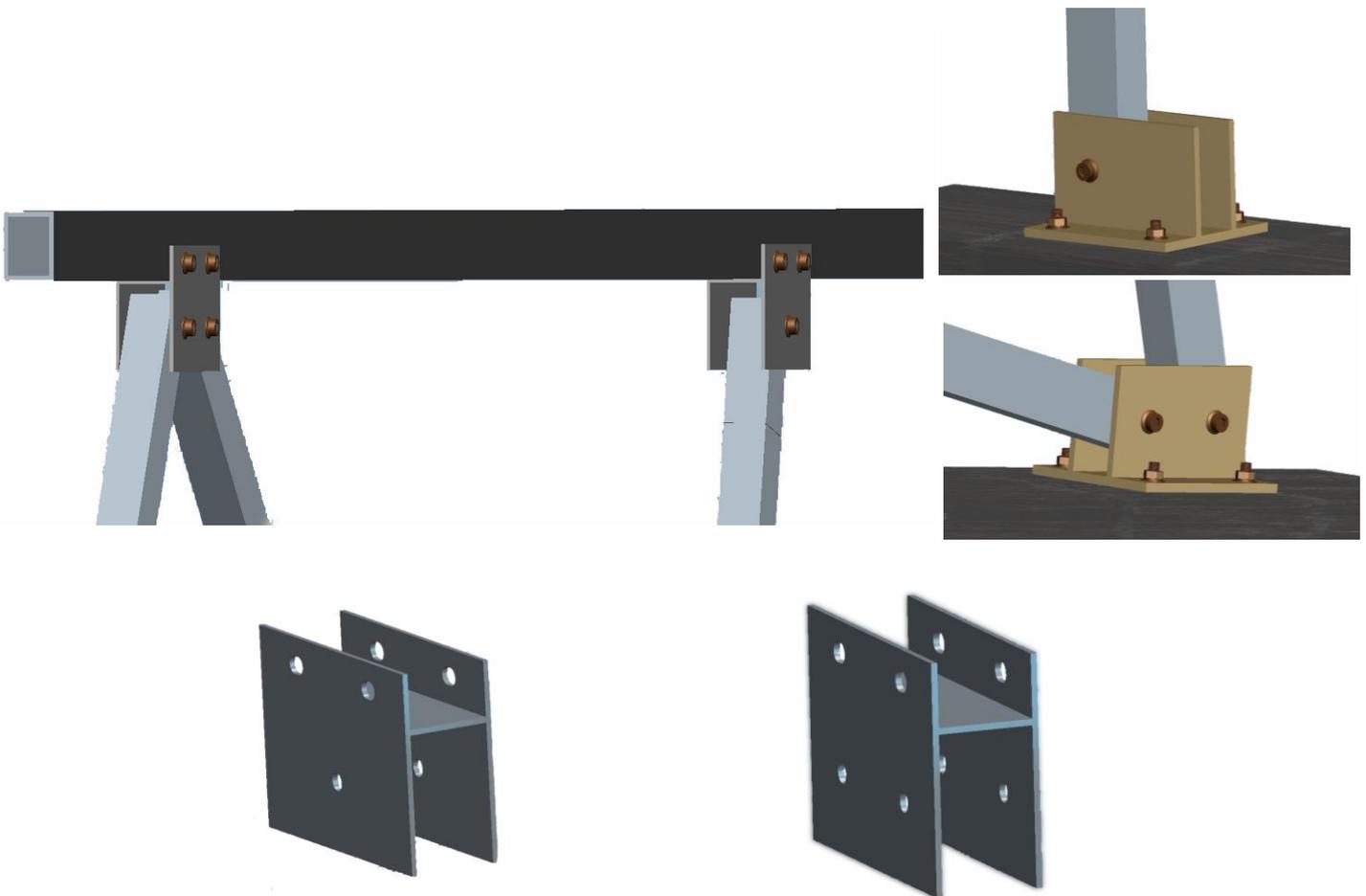


Bending Moment Diagram



Axial Force Diagram

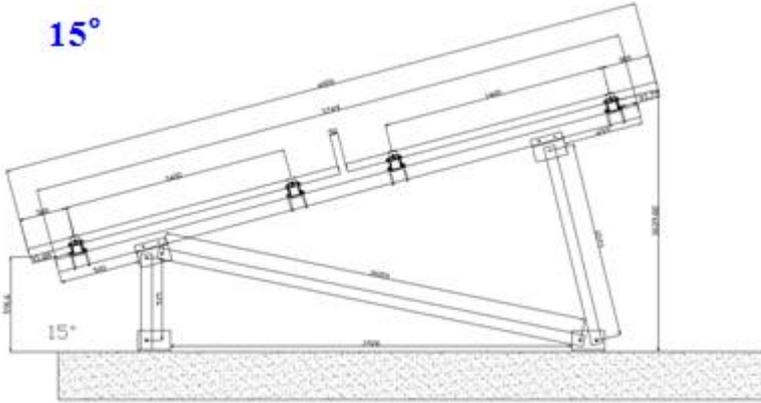
Connectors



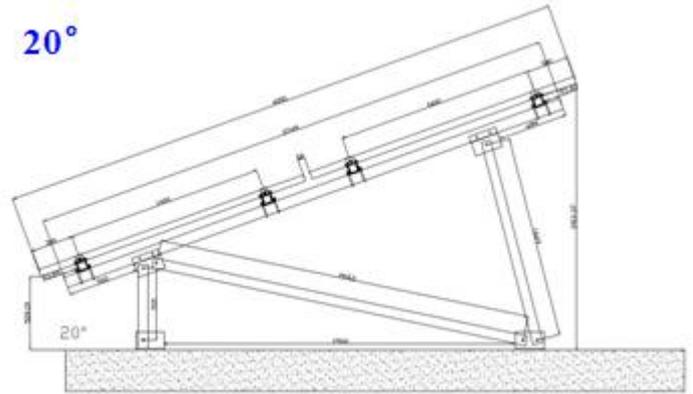
Project Planning

Five angles to choose from:

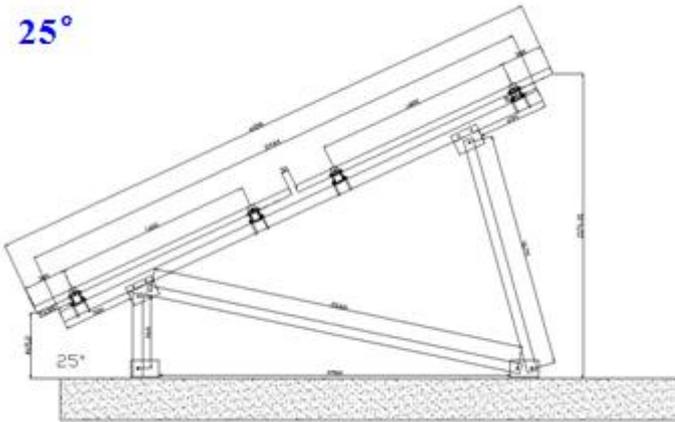
15°



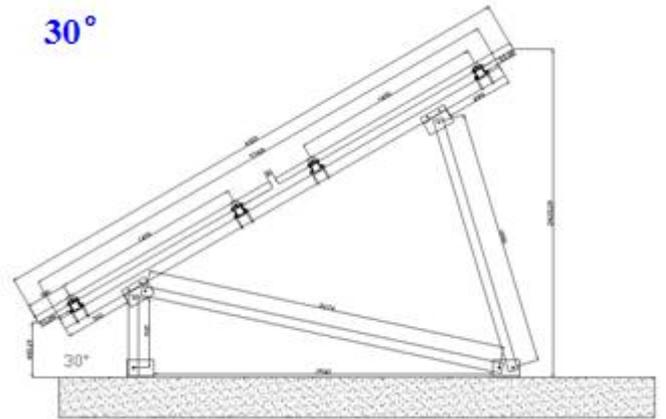
20°



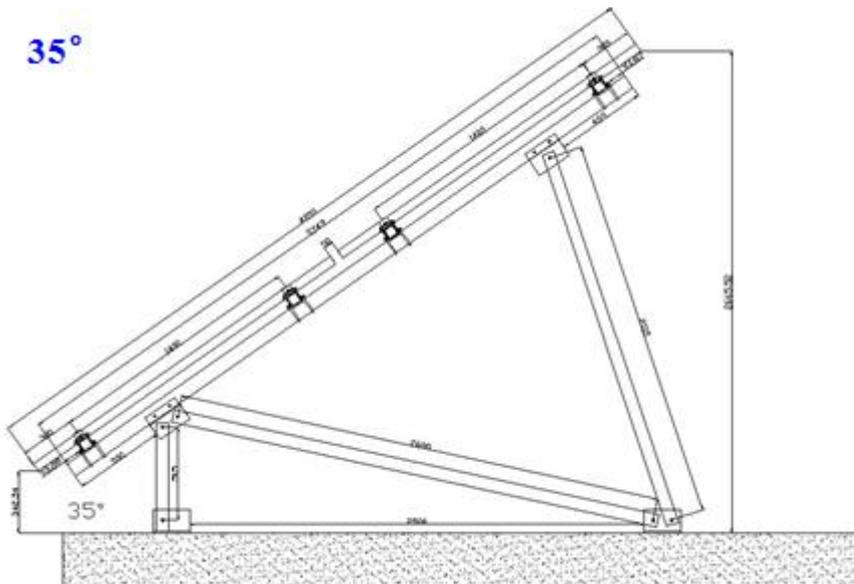
25°



30°



35°



Technical Data

Product series	DPAS-1P	DPAS-2P
Foundation	Concrete	
Material	Module bearing profiles: Binders: Supports: Screws / nuts:	Hot-dip galvanized steel Hot-dip galvanized steel Hot-dip galvanized steel 304 stainless steel
PV Module	Framed or unframed	
Module Layout	One row, up to approx.25m(82ft)	Two rows, up to approx.25m(82ft)
Module Numbers	25 pieces of PV module.1960x992x50	50 pieces of PV module.1960x992x50
Module inclination	15°,20°,25°,30°,35°	
Ground clearance	30-90cm(12-35in)	
Basement	Concrete foundation	
Span	4.1M(13.45ft)	
Girder	Rectangular steel, hot-dip galvanized	
Purlin	Rectangular steel, hot-dip galvanized	
Fastener	304 Stainless Steel	
Color	Mill finish	
Maximum wind load	134Km/h(90mph)	
Maximum snow load	0.6KN/M ² (13kPa/psf ²)	
Design capacity	About 7.5kW	About 15kW
Standards	International Building Code IBC2009,ANSI/AISC 360-05,ASCE/SEI 7-10,ACI 318-08	
Structural analysis	According to current national standards. Structural analysis with specifications on foundation dimensions as well as an anchor recommendation depending on the respective wind and snow loads that have to be considered.	